

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(5C2238) Hex(5C1933) Hex(5C102D) Hex(5C0728) Hex(5C0024)**

|             | Hex(5C2238)  | Hex(5C1933)  | Hex(5C102D)  | Hex(5C0728)  | Hex(5C0024)  |
|-------------|--|--|--|--|--|
| Hex(5C2238) |  | <a href="#">Ratio: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.15</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(5C1933) | <a href="#">Ratio: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> |  | <a href="#">Ratio: 1.05</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.08</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(5C102D) | <a href="#">Ratio: 1.11</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed</a> <sup>5</sup> |  | <a href="#">Ratio: 1.03</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(5C0728) | <a href="#">Ratio: 1.15</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.08</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.03</a><br><a href="#">Failed</a> <sup>5</sup> |  | <a href="#">Ratio: 1.02</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(5C0024) | <a href="#">Ratio: 1.18</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.02</a><br><a href="#">Failed</a> <sup>5</sup> |  |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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